## This Page is Inserted by IFW Indexing and Scamning Operations and is not part of the Official Record

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

□ BLACK BORDERS
□ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
□ FADED TEXT OR DRAWING
□ BLURRED OR ILLEGIBLE TEXT OR DRAWING
□ SKEWED/SLANTED IMAGES
□ COLOR OR BLACK AND WHITE PHOTOGRAPHS
□ GRAY SCALE DOCUMENTS
□ LINES OR MARKS ON ORIGINAL DOCUMENT
□ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
□ OTHER:

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	846	382/115-123.ccls.	USPAT	OR	OFF	2004/11/09 12:46
L2	621	382/124-127.ccls.	USPAT	OR	ON	2004/11/09 12:46
L3	118	283/68,69,78.ccls.	USPAT	OR	OFF	2004/11/09 12:46
L4	55	382/160.ccls.	USPAT	OR	ON	2004/11/09 12:46
L5	1174	348/180-194.ccls.	USPAT	OR	OFF	2004/11/09 12:46
L6	2678	L1 L2 L3 L4 L5	USPAT	OR	OFF	2004/11/09 12:46
L7	134	6 and @pd>"20040401"	USPAT	OR	OFF	2004/11/09 12:47
L8	6	7 and ((streak\$4 band\$4 noise) near5 (detect\$ find\$4))	USPAT	OR	OFF	2004/11/09 12:48
S1	7	382/124.ccls. and ((light\$4 illuminat\$5) near5 band)	USPAT	OR	ON	2004/02/20 14:49
S2	0	382/124.ccls. and ((light illuminat\$5 intensity) near5 crack)	USPAT	OR	ON	2004/02/19 17:00
S3	18	382/124.ccls. and ((template reference) near10 quality)	USPAT	OR	OFF	2003/09/11 20:48
S4	121	"382"/\$.ccls. and (band near3 detect\$4)	USPAT	OR	OFF	2003/09/11 20:57
S5	3	"382"/\$.ccls. and (band near3 detect\$4 near3 intensity)	USPAT	OR	OFF	2003/09/11 20:58
S6	42	"382"/\$.ccls. and (intensity near change near detect\$4)	USPAT	OR	OFF	2003/09/11 21:03
S7	17	382/124.ccls. and (intensity near10 threshold)	USPAT	OR	OFF	2003/09/11 21:03
S8	351	382/124.ccls.	USPAT	OR	OFF	2003/09/12 11:31
S9	64	(382/124-127.ccls. 283/68,69,78. ccls.) and ((illuminat\$4 intensity) near5 (chang\$ differen\$5))	USPAT	OR	ON	2003/09/12 11:37
S10	22	(382/124-127.ccls. 283/68,69,78. ccls.) and ((illuminat\$4 intensity) near5 (chang\$))	USPAT	OR	ON	2003/09/12 12:00
S11	43	(image near3 (distort\$4 quality)) near10 ((illuminat\$4 near5 chang\$) or induction)	USPAT	OR	ON	2003/09/12 12:06
S12	16	image near10 (illumination adj2 band\$1)	USPAT	OR	ON	2003/09/12 13:30
S13	1	"5987156".pn.	USPAT	OR	ON	2003/09/12 13:30
S14	9	("4045816"   "4807038"   "4811414"   "5038225"   "5047861"   "5065444"   "5774572"   "5881182"   "5892590").PN.	USPAT	OR	OFF	2003/09/16 13:51

S15	5	("4329709"   "4556911"   "4597014"   "4608608"   "5065444").PN.	USPAT	OR	OFF	2003/09/16 13:44
S16	17	"5065444".URPN.	USPAT	OR	OFF	2003/09/16 13:44
S17	61	image near10 (streak\$4 near5 detect\$4)	USPAT	OR	ON	2003/09/16 14:23
S18	21	image near10 (streak\$4 near5 detect\$4) and quality	USPAT	OR	ON	2003/09/16 14:23
S19	1	(382/124-127.ccls. 283/68,69,78. ccls.) and (image near5 noise near5 (reject\$4 fail\$4))	USPAT	OR	OFF	2003/09/16 18:12
S20	10	(382/124-127.ccls. 283/68,69,78. ccls.) and (noise near5 (reject\$4 fail\$4))	USPAT	OR	OFF	2003/09/16 18:28
S21	1	(382/124-127.ccls. 283/68,69,78. ccls.) and (((signal near2 noise) or SNR) near5 (reject\$4 fail\$4))	USPAT	OR	OFF	2003/09/16 18:30
S22	5	(382/124-127.ccls. 283/68,69,78. ccls.) and ((image near quality) near5 (reject\$4 fail\$4))	USPAT	OR	OFF	2003/09/16 18:30
S23	248	image and (streak\$4 near5 detect\$4)	USPAT	OR	ON	2003/09/17 15:34
S24	24	image near10 streak\$4 near5 (magnet\$4 induct\$4)	USPAT	OR	ON	2003/09/17 15:34
S25	19	image near5 streak\$4 near5 (magnet\$4 induct\$4)	USPAT	OR	ON	2003/09/17 16:34
S26	546	382/124-127.ccls.	USPAT	OR	ON	2003/09/17 17:48
S27	11	382/124-127.ccls. and (plurality near5 test\$4)	USPAT	OR	ON	2003/09/17 16:37
S28	25	382/124-127.ccls. and (pin and voice)	USPAT	OR	ON	2003/09/17 17:00
S29	37	382/124-127.ccls. and (intensity near5 (chang\$4 variat\$4))	USPAT	OR	ON	2003/09/17 17:01
S30	0	382/124-127.ccls. and (intensity near5 (chang\$4 variat\$4) near5 sweat)	USPAT	OR	ON	2003/09/17 17:01
S31	0	382/124-127.ccls. and (intensity near5 (chang\$4 variat\$4) near10 (sweat\$5 wet water oil moisture))	USPAT	OR	ON	2003/09/17 17:02
S32	134	382/124-127.ccls. and (sweat\$5 wet water oil moisture)	USPAT	OR	ON	2003/09/17 17:03
S33	2	382/124-127.ccls. and ((sweat\$5 wet water oil moisture) near10 intensity)	USPAT	OR	ON	2003/09/17 17:06
S34	1	"4827527".pn.	USPAT	OR	ON	2003/09/17 17:07
S35	1	"6292576".pn.	USPAT	OR	ON	2003/09/17 17:07

536	49	382/124-127.ccls. and raster	USPAT	OR	ON	2003/09/17 17:48
S37	37	382/124-127.ccls. and (raster near5 scan\$5)	USPAT	OR	ON	2003/09/17 17:49
S38	33	382/124-127.ccls. and (raster near scan\$5)	USPAT	OR	ON	2003/09/17 17:49
S39	2	382/124-127.ccls. and ((raster near scan\$5) near5 illuminat\$4)	USPAT	OR	ON	2003/09/17 17:50
S40	2	382/124-127.ccls. and ((raster near scan\$5) near10 illuminat\$4)	USPAT	OR	ON	2003/09/17 17:50
S41	5	382/124-127.ccls. and ((raster near scan\$5) same illuminat\$4)	USPAT	OR	ON	2003/09/17 17:50
S42	379	382/124.ccls.	USPAT	OR	ON	2004/02/19 16:33
S43	1	382/124.ccls. and (duplicate near3 image)	USPAT	OR	ON	2004/02/19 16:35
S44	40	382/124.ccls. and (human near3 finger)	USPAT	OR	ON	2004/02/19 16:37
S45	6	(382/124.ccls. and (human near3 finger)) and oil	USPAT	OR	ON	2004/02/19 16:46
S46	1	"4827527".pn.	USPAT	OR	ON	2004/02/19 16:48
S47	1	"6097035".pn.	USPAT	OR	ON	2004/02/19 16:48
S48	1	"6292576".pn.	USPAT	OR	ON	2004/02/19 17:01
S49	578	382/124-127.ccls.	USPAT	OR	OFF	2004/02/19 18:34
S50	117	283/68,69,78.ccls.	USPAT	OR	OFF	2004/02/19 18:34
S51	52	382/160.ccls.	USPAT	OR	ON	2004/02/20 14:49
S52	52	382/160.ccls.	US-PGPUB; USPAT	OR	ON	2004/02/20 14:49
S53	6	(382/124-127.ccls. 283/68,69,78. ccls.) and strobe	USPAT	OR	OFF	2004/04/30 18:19
S54	0	strobe near3 attack	USPAT	OR	OFF	2004/04/30 18:19
S55	679	(382/124-127.ccls. 283/68,69,78. ccls.) and @pd>"02012004"	USPAT	OR	OFF	2004/04/30 18:22
S56	9	(382/124-127.ccls. 283/68,69,78. ccls.) and @pd>"20040201"	USPAT	OR	OFF	2004/11/09 11:07
S57	1	"5960098".pn.	US-PGPUB; USPAT	OR	ON	2004/05/27 15:22
S58	1	"5519785".pn.	US-PGPUB; USPAT	OR	ON	2004/05/27 15:23
S59	1	"4944021".pn.	US-PGPUB; USPAT	OR	ON	2004/05/27 15:24
S60	687	382/124-127.ccls. 283/68,69,78. ccls.	USPAT	OR	OFF	2004/06/17 15:38
S61	19	(382/124-127.ccls. 283/68,69,78. ccls.) and ((streak\$4 band\$4 noise) near5 (detect\$ find\$4))	USPAT	OR	OFF	2004/06/17 13:09

S62	802	382/115-123.ccls.	USPAT	OR	OFF	2004/06/17 13:09
S63	38	382/115-123.ccls. and ((streak\$4 band\$4 noise) near5 (detect\$ find\$4))	USPAT	OR	OFF	2004/06/17 13:10
S64	38	(382/115-123.ccls. and ((streak\$4 band\$4 noise) near5 (detect\$ find\$4))) not (382/124-127.ccls. 283/68,69,78.ccls.)	USPAT	OR	OFF	2004/06/17 14:28
S65	1149	348/180-194.ccls.	USPAT	OR	OFF	2004/06/17 14:28
S66	83	348/180-194.ccls. and ((streak\$4 band\$4 noise) near5 (detect\$ find\$4))	USPAT	OR	OFF	2004/11/09 12:48
S67	22212	"382"/\$.ccls.	USPAT	OR	OFF	2004/06/17 15:37
S68	535	"382"/\$.ccls. and strobe	USPAT	OR	OFF	2004/06/17 15:37
S69	6	("382"/\$.ccls. and strobe) and (382/124-127.ccls. 283/68,69,78. ccls.)	USPAT	OR	OFF	2004/06/17 15:36
S70	28751	"382"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2004/06/17 15:57
S71	688	"382"/\$.ccls. and strob\$4	USPAT	OR	OFF	2004/06/17 15:37
S72	910	382/124-127.ccls. 283/68,69,78. ccls.	US-PGPUB; USPAT	OR	OFF	2004/06/17 15:38
S73	6	("382"/\$.ccls. and strob\$4) and (382/124-127.ccls. 283/68,69,78. ccls.)	US-PGPUB; USPAT	OR	OFF	2004/06/17 15:38
S74	0	"382"/\$.ccls. and (histogram same peak same grayscale same (pixel near5 (line column row)))	US-PGPUB; USPAT	OR	OFF	2004/06/17 16:00
S75	5570	"382"/\$.ccls. and (pixel near5 (line column row))	US-PGPUB; USPAT	OR	OFF	2004/06/17 15:58
S76	35	"382"/\$.ccls. and ((pixel near5 (line column row)) same grayscale)	US-PGPUB; USPAT	OR	OFF	2004/06/17 15:59
S77	2	most near10 common near10 grayscale	US-PGPUB; USPAT	OR	OFF	2004/06/17 15:59
S78	19	"382"/\$.ccls. and (histogram same peak same (pixel near5 (line column row)))	US-PGPUB; USPAT	OR	OFF	2004/06/17 16:01
S80	35	(382/124-127.ccls. 283/68,69,78. ccls.) and @pd>"20040501"	USPAT	OR	OFF	2004/11/09 11:08
S81	846	382/115-123.ccls.	USPAT	OR	OFF	2004/11/09 11:20
S82	621	382/124-127.ccls.	USPAT	OR	ON	2004/11/09 11:19
S83	118	283/68,69,78.ccls.	USPAT	OR	OFF	2004/11/09 11:19
S84	55	382/160.ccls.	USPAT	OR	ON	2004/11/09 11:19
S85	1174	348/180-194.ccls.	USPAT	OR	OFF	2004/11/09 11:20

S86 2678 S81 S82 S83 S84 S85 USPAT OR OFF 2004/11/09 11:20